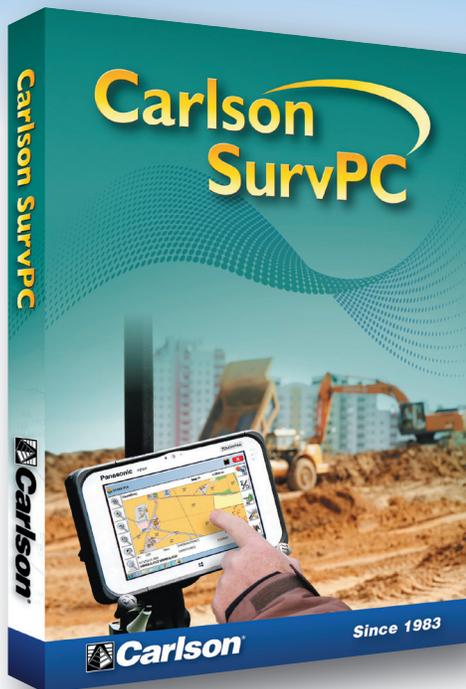


New

Carlson RT3

— Ruggedized Tablet



The **Carlson RT3** is designed for surveying, stake out, construction layout and GIS mapping and is bundled with **Carlson SurvPC** – the Windows-based data collection program – with the option of running with the **Esri® OEM** program for use in the field. Or use in the office with any Carlson office software. Along with 4 GB of RAM, 64 GB or 128 GB storage options, collect and analyze your data quicker than ever before.

Performance

- Powerful Windows 10 for office-to-field use
- Plenty of memory — 4 GB RAM & up to 128 GB flash storage

Ready For Anything

- Long-range Bluetooth® Smart Ready, Wi-Fi®, USB connectivity
- 4G LTE (GEO CELL model)
- High-performance GNSS receiver and 8 MP rear, 2 MP front camera (GEO & GEO CELL Models)

Illumiview™ High-Visibility Display

- Large, 7-inch display for easy viewing
- IllumiView technology provides extraordinary visibility
- Optically-bonded capacitive touch screen for needle-sharp imagery
- Chemically-strengthened Dragontrail™ glass for excellent impact & scratch resistance

Expandable Battery

- All-day battery runs 8 - 10 hours for minimal downtime
- Optional expansion provides additional 4 - 5 hours
- Operates in extreme temperatures from -4°F to 122°F (-20°C to 50°C)

Juniper Rugged™

- Maximum protection for your data
- Dustproof & waterproof (IP68 rating)
- Designed to MIL-STD-810G for ultra-ruggedness
- 2-year warranty

For more information, visit www.carlsonsw.com or call 800-989-5028

Since 1983

 **Carlson**
...For the Total Project

Carlson RT3 Ruggedized Tablet

Available Models

- Standard ■ GEO ■ GEO CELL

Bundle with SurvPC – the Windows-based data collection program – with the option of running with the Esri® OEM program for use in the field. Or use in the office with any Carlson office software.

Processor

- Quad-core Intel® Atom™ Z3745

Operating System And Software

- Microsoft® Windows 10
- Multiple languages supported (English, French, Spanish, German, Portuguese)

Memory And Data Storage

- 4 GB RAM (LPDDR3)
- 64 GB or 128 GB flash storage options
- User-accessible MicroSDXC card slot

Graphics

- Intel® HD Graphics

Display

- Active viewing area: 7" (178 mm)
- Resolution: WXGA (1280 x 800)
- High-visibility backlit LCD for best-in-class sunlight view-ability

Touch Screen

- Projected capacitive multi-touch interface for use with gloves, small tip stylus, and in wet conditions
- Optically bonded for increased visibility and strength
- Chemically-strengthened Dragontrail™ High Ion-Exchange (HIE™) coverglass for excellent impact and scratch resistance

Physical

- Size: 5.40" w x 8.48" l x 1.36" d (137 x 215 x 35 mm)
- Weight: 1.5 - 2 lbs (680 - 907 g)
- Durable, chemical- and shock-resistant design
- Easy-to-grip, impact-absorbing, overmolded bumpers
- Lightweight and ergonomic design

Wireless Connectivity Options

- Long-range Bluetooth® 4.0 wireless technology, v4.0 +EDR, Class 1.5, BLE support
- Wi-Fi 802.11 a/b/g/n, 2.4 GHz and 5 GHz
- 4G LTE

Keyboard

- Adjustable LED backlit keys
- Four-way directional navpad
- Windows/home key
- Power key
- Enter key
- Three user-programmable function keys

Ports

- USB 3.0 x 1
- 3.5 mm audio jack
- 12 VDC power input jack
- Docking port connections (Pwr, USB 2.0, & HDMI)
- Loud output speaker for noisy environments
- Dual digital microphone input for improved clarity
- Optional RS-232 9-Pin D-Sub connector with 5VDC power output

Battery

- Removable Li-Ion battery, 39 Whr
- Operates 8 - 10 hours on one charge
- Battery easily changeable in field
- Optimized for strong performance in cold temperatures
- Excellent lifecycle performance
- Optional built-in 19-Whr battery provides additional 4 - 5 hours runtime and hot-swap capability

Juniper Rugged™

- IP68 waterproof and dustproof
- Operating Temperature: -4°F to 122°F (-20°C to 50°C)
- Storage temperature: -22°F to 158°F (-30°C to 70°C)
- Shockproof: multiple drops from 4' (1.2 - 1.5 m) onto concrete
- Designed for MIL-STD-810G test procedures: Method 500.5 Low Pressure (Altitude); Method 501.5 High Temperature; Method 502.5 Low Temperature; Method 503.5 Temperature Shock; Method 506.5 Rain; Method 507.5 Humidity; Method 510.5 Sand and Dust; Method 512.5 Immersion; Method 514.6 Vibration; Method 516.6 Shock

GPS/GNSS (GEO Models)

- 2 to 5 meter typical accuracy
- uBlox NEO-M8N GNSS receiver and integrated antenna
- Integrated real-time SBAS receiver (WAAS, EGNOS, etc.)
- 72 GNSS tracking channels
- Optional: uBlox NEO-M8T w/ post-processing data output and external GNSS antenna pass-through connection for sub-meter accuracy

Camera (GEO Models)

- Rear: 8 MP with LED illumination
- Front: 2 MP
- Juniper Geotagging™: embed photo with date, time, and GNSS position

Other Features

- Ambient light sensor
- Compass
- Accelerometer
- Gyroscope
- TPM (Trusted Platform Module) v2.0

Certifications And Standards

- FCC Class B
- CE Marking (applicable EMC, R&TTE, and LVD directives)
- Industry Canada
- EN60950 Safety
- RoHS 2 Compliant

Warranty

- 2-Year Warranty
- Service Plans Available

Carlson Extra

- Polarized screen protector
- 128 GB instead of 64 GB hard drive in GEO and GEO CELL models
- uBlox M8T GNSS receiver in GEO and GEO CELL models
- additional 19-Whr battery provides additional 4 - 5 hours runtime and hot-swap capability (GEO and GEO CELL models)

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